Title (en)
REAL-TIME GEO-INTELLIGENT AGGREGATION ENGINE

Title (de)
ECHTZEIT GEO-INTELLIGENTE AGGREGATIONSMASCHINE

Title (fr)
MOTEUR D'AGRÉGATION GÉO-INTELLIGENT EN TEMPS RÉEL

Publication
EP 4007959 A4 20220622 (EN)

Application
EP 19940702 A 20190802

Priority
US 2019044986 W 20190802

Abstract (en)
[origin: WO2021025671A1] A real-time geo-intelligent aggregation engine and related methods are disclosed. The real-time geo-intelligent aggregation engine can be used to provide interaction event data corresponding to a geographic coordinate point and a boundary element to requestors or requestor computers. After receiving a request from a requestor computer, the real-time geo-intelligent aggregation engine can determine one or more geohashes corresponding to a geographic region. The one or more geohashes can be used to query a geographic resource provider database to determine a list of resource providers acting within the geographic region. The list of resource providers can be used to query a resource provider interaction database to determine interaction event data corresponding to those resource providers. The interaction event data can subsequently be provided to the requestor computer. The requestor computer and/or a requestor associated with the requestor computer can perform subsequent action based on the interaction event data.

IPC 8 full level
G06F 16/9537 (2019.01); **G06F 16/29** (2019.01)

CPC (source: EP US)
G06F 16/22 (2019.01 - US); **G06F 16/24556** (2019.01 - US); **G06F 16/29** (2019.01 - EP US)

Citation (search report)
- [XI] US 8938686 B1 20150120 - ERENRICH DANIEL [US], et al
- [A] US 2012226889 A1 20120906 - MERRIMAN DWIGHT [US], et al
- [I] US 9719790 B2 20170801 - AGRAWAL DAKSHI [US], et al
- See also references of WO 2021025671A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2021025671 A1 20210211; CN 114144776 A 20220304; EP 4007959 A1 20220608; EP 4007959 A4 20220622; US 2022300537 A1 20220922

DOCDB simple family (application)
US 2019044986 W 20190802; CN 201980098677 A 20190802; EP 19940702 A 20190802; US 201917632342 A 20190802